

***Ipomoea tiliacea* (Convolvulaceae) seeds stranded on the south-west coast of Ireland - Supplementary Material**

Alignment of 399bp fragment of the nuclear ribosomal Internal Transcribed Spacer region comprising 132 samples of the *Ipomoea batatas* group, used by Minchin, Griffin and Carine to investigate the identity of three *Ipomoea* specimens grown from seeds stranded on the south-west coast of Ireland.

> *Ipomoea tiliacea* PP758396 MC5 Con 2 Co. Kerry, *Calystegia* sp. R. Hill

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGTAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTAG  
TGCGCGGGCCGGACTAAATGCGAGTCCTTGCGACGGGCGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCAAAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea tiliacea* PP758397 MC3 Con 3 Co Kerry Convolvulaceae R. Hill

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGTAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTAG  
TGCGCGGGCCGGACTAAATGCGAGTCCTTGCGACGGGCGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCAAAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea tiliacea* PP758398 MC6 Con 1 Co Kerry, *Ipomoea* sp. R. Hill

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGTAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTAG  
TGCGCGGGCCGGACTAAATGCGAGTCCTTGCGACGGGCGTCACGGCGAGTGGTGGTTCGT

ACCTAGCGTGCAAAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* GQ249409.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAACGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTG CATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* HM014433.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTG CATAT-CTTC-GAGCCGTGCCCCGTCG

> *Ipomoea batatas* JQ316197.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTG CATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621802.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGYGTCGGCGTCTTACTTAATAA  
AAYACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG

CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTKCCCC--AACTCG  
TGCGCGGGYCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GMGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621806.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCNNTCC-TCGGTCGAGCGCGGGGTGNGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621807.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTARCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGNGGATGTTGGCCTCCCGTGCCCC--AACTCG  
NGGCGCGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621808.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCSRTCC-TCGGTCGAGCGCGGGGTGYGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621809.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCSRTCC-TCGGTCGAGCGCGGGGTGYGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621810.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCSRTCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621811.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGKGGATGTTGGCCTYCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621812.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAACCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGNGGATGTTGGCCTCCCGTGCCCC--AACTCG

NGGCGCGGCCGGCCTAAATGCGAGTCCTTGGCGACGGACGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621813.1

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGTGGATGTTGGCCTCCCGTGCCCC--AACTCG  
WGGCGCGGCCGGCCTAAATGCGAGTCCTTGGCGACGGACGTCACGGCGAGTGGTGGTTCG  
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ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621814.1

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATANGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGYGGATGTTGGCCTCCCGTGCCCC--AACTCG  
WGGCGCGGCCGGCCTAAATGCGAGTCCTTGGCGACGGACGTCACGGCGAGTGGTGGTTCG  
T

ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621815.1

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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGYGGATGTTGGCCTCCCGTGCCCC--AACTCG  
WGGCGCGGCCGGCCTAAATGCGAGTCCTTGGCGACGGACGTCACGGCGAGTGGTGGTTCG  
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ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621816.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCKCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621863.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* KC621864.1

CAGCCGCCCCGTGCCCCGTSTTTGCGGATCGSTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
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ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* MH189727.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
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ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* MH189728.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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TGGCGCGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea batatas* MH189729.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCCGTCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGGCGCGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* AF110939.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--GACTCG  
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> *Ipomoea cordatotriloba* JX423795.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* MN825096.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAACAA  
AACACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCC-  
-GCCCCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* MN825097.1

CAGCCGCCCCGTGCCCCGTGTTTTCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAACAA  
AACACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCC-  
-GCCCCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* MN825098.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAACAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCC-  
-GCCCCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
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ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG



> *Ipomoea cordatotriloba* MN825099.1

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--GACTCG  
TGCGCGGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* MN825100.1

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--GACTCG  
TGCGCGGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* MN825101.1

CAGCCGCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGCAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
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-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--RACTCG  
TGCGCGGGCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* MN825102.1

CAGCCGCCCGTGCCCCGTGTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-

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ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cordatotriloba* MN825103.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTCTTTGAACGCAAGTTGCG  
CCCGAAGCCGTGAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCTCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--RACTCG  
TGCGCGGCCCGGCCTAAATGCGAGTCCTTGCGACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGCGTGCATAT-CTTC-GAGCCGTGCCCC-GTCG

> *Ipomoea cryptica* MN825139.1

TAGTCGCCCCGTGGCCCGTTTCTGCGGATTGCTCGGGAGATGTTAGCGTCTTACTTAATAA  
AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
CGATACTTGGTGTGAATTGCAGAATCCCGTGAACCATCGAGTTTTTTGAACGCAAGTTGCG  
CCCGAAGCCTTTAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCA-  
AACTTGACCG-TTGGTTGAGTGTGGGGAGCGGATGTTGGCCTCCCGTGCCCAC-AACTTG  
TGCGCGGTTGGCCCAAATTCGAGTCCCTGGCAACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGTGTGCAAAT-CTTC-GCGCCGTGCCCCCGTTG

> *Ipomoea cryptica* MN825140.1

TAGTCGCCCCGTGGCCCGTTTCTGCGGATTGCTCGGGAGATGTTAGCGTCTTACTTAATAA  
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CCCGAAGCCTTTAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCA-  
AACTTGACCG-TTGGTTGAGTGTGGGGAGCGGATGTTGGCCTCCCGTGCCCAC-AACTTG  
TGCGCGGTTGGCCCAAATTCGAGTCCCTGGCAACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGTGTGCAAAT-CTTC-GCGCCGTGCCCCCGTTG

> *Ipomoea cryptica* MN825141.1

TAGTCGCCCCGTGSCCCGTTTCTGCGGATTGCTCGGGAGATGTTAGCGTCTTACTTAATAA

AATACGACTCTCGGCAACGGATATCTCGGCTCTCGCATCGATGAAGAACGTAGCGAAATG  
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CCCGAAGCCTTTAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCA-  
AACTTGACCG-TTGGTTGAGTGTGGGGAGCGGATGTTGGCCTCCCGTGCCAC-AACTTG  
TGCGCGGTTGGCCCAAATTCGAGTCCCTGGCAACGGACGTCACGGCGAGTGGTGGTCGT  
ACCTAGTGTGCAAAT-CTTC-GCGCCGTGCCCCCGTTG

> *Ipomoea cryptica* MN825142.1

TAGTCGCCCCGTGSCCGTTTTCTGCGGATTGCTCGGGAGATGTTAGCGTCTTACTTAATAA  
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CCCGAAGCCTTTAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCA-  
AACTTGACCG-TTGGTTGAGTGTGGGGAGCGGATGTTGGCCTCCCGTGCCAC-AACTTG  
TGCGCGGTTGGCCCAAATTCGAGTCCCTGGCAACGGACGTCACGGCGAGTGGTGGTCGT  
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> *Ipomoea cryptica* MN825143.1

TAGTCGCCCCGTGGCCCGTTTTCTGCGGATTGCTCGGGAGATGTTAGCGTCTTACTTAATAA  
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AACTTGACCG-TTGGTTGAGTGTGGGGAGCGGATGTTGGCCTCCCGTGCCAC-AACTTG  
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ACCTAGTGTGCAAAT-CTTC-GCGCCGTGCCCCCGTTG

> *Ipomoea cryptica* MN825144.1

TAGTCGCCCCGTGGCCCGTTTTCTGCGGATTGCTCGGGAGATGTTAGCGTCTTACTTAATAA  
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CCCGAAGCCTTTAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCCA-  
AACTTGACCG-TTGGTTGAGTGTGGGGAGCGGATGTTGGCCTCCCGTGCCAC-AACTTG  
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ACCTAGTGTGCAAAT-CTTC-GCGCCGTGCCCCCGTTG

> *Ipomoea cynanchifolia* MN825154.1

CAGCCGCCCGTGCCCCGTGTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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-GCCCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
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> *Ipomoea cynanchifolia* MN825155.1

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> *Ipomoea cynanchifolia* MN825156.1

CAGCCGCCCGTGCCCCGTGTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAAYAA  
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> *Ipomoea cynanchifolia* MN825157.1

CAGCCGCCCGTGCCCCGTGTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAACAA  
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> *Ipomoea cynanchifolia* MN825158.1

CAGCCGCCCCGTGCCCCGTGTTTGC GGATCGCTCGGGAGGCGTCGGCGTCTTACTTAACAA  
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CCCGAAGCCGTCAGGCCGAGGGCACGTCTGCCTGGGCGTCACGCATCGCGTCGCCCCC-  
-GCCCCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
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> *Ipomoea cynanchifolia* MN825160.1

CAGCCGCCCCGTGCCCCGTGTTTGC GGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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-GCCCCGATCC-TCGGTCGAGCGCGGGGTGCGGATGTTGGCCTCCCGTGCCCC--AACTCG  
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> *Ipomoea grandifolia* MN825253.1

CAGCCGCCCCGTGCCCCGTSTTTGC GGATCGCTCGGGAGGCGTCGGCGTCTTACTTAACAA  
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> *Ipomoea grandifolia* MN825254.1

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> *Ipomoea grandifolia* MN825255.1

CAGCCGCCCCGTGCCCCGTGTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea grandifolia* MN825256.1

CAGCCGCCCCGTGCCCCGTGTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAAYAA  
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> *Ipomoea grandifolia* MN825257.1

CAGCCGCCCCGTGCCCCGT-TTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea grandifolia* MN825258.1

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> *Ipomoea grandifolia* MN825260.1

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> *Ipomoea lacunosa* AF110937.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea lacunosa* DQ005997.1

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> *Ipomoea lacunosa* DQ355324.1

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> *Ipomoea lacunosa* JX423796.1

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> *Ipomoea lacunosa* KY968870.1

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> *Ipomoea lacunosa* KY968889.1

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> *Ipomoea lacunosa* MH189735.1

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> *Ipomoea lacunosa* MH189736.1

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> *Ipomoea lacunosa* MH189737.1

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> *Ipomoea lacunosa* MH189738.1

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> *Ipomoea leucantha* KC621858.1

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> *Ipomoea leucantha* KC621860.1

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> *Ipomoea littoralis* KP261924.1

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> *Ipomoea littoralis* MG752967.1

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> *Ipomoea littoralis* MN825434.1

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> *Ipomoea littoralis* MN825436.1

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> *Ipomoea littoralis* MN825437.1

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> *Ipomoea littoralis* MN825438.1

CAGTCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGGGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea ramosissima* DQ355323.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAACAA  
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> *Ipomoea ramosissima* MN825761.1

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> *Ipomoea ramosissima* MN825762.1

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> *Ipomoea ramosissima* MN825763.1

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> *Ipomoea ramosissima* MN825764.1

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> *Ipomoea ramosissima* MN825765.1

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> *Ipomoea ramosissima* MN825766.1

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> *Ipomoea ramosissima* MN825767.1

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> *Ipomoea ramosissima* MN825768.1

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> *Ipomoea ramosissima* MN825769.1

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> *Ipomoea ramosissima* voucher MN825772.1

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> *Ipomoea ramosissima* MN825774.1

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> *Ipomoea ramosissima* MN825775.1

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> *Ipomoea ramosissima* MN825776.1

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> *Ipomoea ramosissima* MN825777.1

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> *Ipomoea ramosissima* MN825778.1

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> *Ipomoea splendor-sylvae* MN825894.1

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> *Ipomoea tenuissima* DQ355322.1

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> *Ipomoea tenuissima* MG752962.2

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> *Ipomoea tenuissima* MN825957.1

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> *Ipomoea tiliacea* DQ355321.1

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> *Ipomoea tiliacea* KC621800.1

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> *Ipomoea tiliacea* KC621801.1

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> *Ipomoea tiliacea* MN825967.1

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> *Ipomoea tiliacea* MN825968.1

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> *Ipomoea tiliacea* MN825969.1

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> *Ipomoea tiliacea* MN825970.1

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> *Ipomoea tiliacea* MN825971.1

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> *Ipomoea tiliacea* MN825973.1

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> *Ipomoea trifida* KC621833.1

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> *Ipomoea trifida* KC621834.1

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> *Ipomoea trifida* KC621835.1

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> *Ipomoea trifida* KC621836.1

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> *Ipomoea trifida* KC621837.1

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> *Ipomoea trifida* KC621838.1

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> *Ipomoea trifida* KC621839.1

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> *Ipomoea trifida* KC621840.1

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> *Ipomoea trifida* KC621841.1

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> *Ipomoea trifida* KC621842.1

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> *Ipomoea trifida* KC621843.1

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> *Ipomoea trifida* KC621844.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea trifida* KC621845.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea trifida* KC621846.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea trifida* KC621847.1

CAGCCGCCCCGTGCCCCGTCTTTGCGGATCGCTCGGGAGGCGTCGGCGTCTTACTTAATAA  
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> *Ipomoea trifida* KC621848.1

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> *Ipomoea trifida* KC621849.1

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> *Ipomoea trifida* KC621850.1

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> *Ipomoea trifida* KC621851.1

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> *Ipomoea trifida* KC621852.1

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> *Ipomoea triloba* KC621855.1

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> *Ipomoea triloba* KC621856.1

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> *Ipomoea triloba* KC621857.1

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> *Ipomoea triloba* KC621859.1

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> *Ipomoea triloba* KC621861.1

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> *Ipomoea triloba* KC621862.1

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> *Ipomoea triloba* KY968867.1

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> *Ipomoea triloba* KY968868.1

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> *Ipomoea triloba* KY968875.1

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> *Ipomoea triloba* KY968878.1

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> *Ipomoea triloba* KY968885.1

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> *Ipomoea triloba* KY968904.1

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> *Ipomoea x leucantha* MN825409.1

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> *Ipomoea x leucantha* MN825410.1

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> *Ipomoea x leucantha* MN825413.1

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> *Ipomoea x leucantha* MN825414.1

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